



ATTORNEYS AT LAW



Robert Greene Stern
Edward J. Kessler
Jorge A. Goldstein
David K.S. Comwell
Robert W. Esmond
Tracy-Gene G. Durkin
Michele A. Cimbala
Michael B. Ray
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Jyoti C. Iyer*
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Michael J. Mancuso
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Aaron L. Schwartz
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Nicole R. Kramer*
Registered Patent Agents
Karen R. Markowicz
Nancy J. Leith
Matthew J. Dowd
Aaron L. Schwartz
Katrina Yujian Pei Quach
Bryan L. Skelton
Robert A. Schwartzman
Teresa A. Colella
Jeffrey S. Lundgren
Victoria S. Rutherford

Michelle K. Holoubek
Simon J. Elliott
Julie A. Heider
Mita Mukherjee
Scott M. Woodhouse
Michael G. Penn
Christopher J. Walsh
Peter A. Socarras
Of Counsel
Kenneth C. Bass III
Evan R. Smith
Marvin C. Guthrie

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Federal Agencies

January 10, 2005

WRITER'S DIRECT NUMBER:
(202) 772-8810

INTERNET ADDRESS:
ESMITH@SKGF.COM

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Art Unit 2819
Mail Stop Amendment

Re: U.S. Utility Patent Application
Application No. 10/767,775; Filed: January 30, 2004
For: **Modulation Circuit Including A Feedback
Loop With An Embedded Mapper**
Inventor: Kevin L. MILLER
Our Ref: 1875.3910000

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Fee Transmittal (PTO/SB/17);
2. Petition for Extension of Time under 37 C.F.R. § 1.136(a);
3. Amendment and Reply under 37 C.F.R. § 1.111;
4. Credit Card Payment Form (PTO-2038); and
5. One return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents
January 10, 2005
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

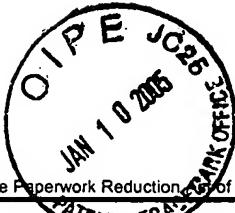
STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Evan R. Smith
Attorney for Applicant
Registration No. 35,683

ERS/sjc
Enclosures

352575_1.DOC



Equivalent to Form

PTO/SB/17 (12-04)

Approved for use through 07/31/2006.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).
Effective on 12/08/2004.

FEE TRANSMITTAL For FY 2005

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)
600.00

Complete if Known

Application Number	10/767,775
Filing Date	January 30, 2004
First Named Inventor	Kevin L. MILLER
Examiner Name	Young, B.
Art Unit	2819
Attorney Docket No.	1875.3910000

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify):

Deposit Account Deposit Account Number: **19-0036** Deposit Account Name: **Sterne, Kessler, Goldstein & Fox P.L.L.C.**

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

<input type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17	<input checked="" type="checkbox"/> Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent

Fee (\$)	Small Entity Fee (\$)
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50

25

Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent

200

100

Multiple dependent claims

360

180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
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24 - 20 or HP **24** = **0** x **50** = **-0-**

Multiple Dependent Claims

Fee (\$)	Fee Paid (\$)
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HP = highest number of total claims paid for, if greater than 20

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
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6 - 3 or HP = **3** x **200** = **\$600**

HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
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_____ - 100 = **_____** / 50 = **_____** (round up to a whole number) x **_____** = **_____**

Fees Paid (\$)

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other:

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	35,683	Telephone	(202) 371-2600
Name (Print/Type)	Evan R. Smith			Date	1/16/05

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.